

July 10, 2017

Ms. Olive Hofstader  
United States Environmental Protection Agency  
Region VIII  
Municipal Systems 8P-W-MS  
1595 Wynkoop St.  
Denver, CO 80202-2466

RE: Administrative Order Docket No. SDWA-08-2016-0020, Q2 2017 Summary Report

Dear Ms. Hofstader:

The following is a summary report of Solvay Chemicals' potable water system for the second quarter of 2017.

- Regular communication between Solvay Chemicals and EPA Region 8
- Solvay monthly potable water update meetings
- Received permit application review from Wyoming Department of Environmental Quality for installation and operation of the GAC unit. Authorization not allowed until follow up items addressed. Resubmitted application addressing all comments. This is being treated as a major modification to the potable water system requiring extended amount of design, review, and approval phases. Solvay intends to have the system operational before Q3 sampling.
- Quarterly DBP samples taken May, 2017. Quarterly TTHM and HAA5 were 93 ug/L and 93ug/L respectively. LRAA is 79 ug/L TTHM and 56 ug/L HAA5.
- Ran full scale test of various solids removal products in raw water system. Initial results were unsuccessful due to filter plugging due to dosage amounts. Further testing is planned to determine correct dosage and then effectiveness can be assessed.
- Had Trojan UV system technicians on site on three separate occasions to assess the operation of the UV system. The system is currently being operated and maintained according to design, however, runoff conditions have created water with lower UVT and therefore a lower dosage level.
- Contacted Region 8 to evaluate using microbial sampling of the raw water to determine if UV disinfection is necessary.

If you have any questions or concerns regarding this extension request, do not hesitate to call me at 307-872-6570 or Ouisha Dean, Environmental Engineer, at 307-872-6571.

Respectfully submitted,



Timothy Brown  
Environmental Services Supervisor